

Mr. Alan Brittingham  
Arvin Exhaust, OEM, Technical Center  
Route 450 South  
Walesboro, IN 47201

Re: **AT 005-11038-00080**  
First Administrative Amendment to  
**Part 70 005-7482-00080**

Dear Mr. Brittingham:

Arvin Exhaust, OEM, Technical Center was issued a permit on January 26, 1999 for a stationary engine test source. A letter requesting a change was received on June 7, 1999. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

Condition D.1.4, that required a Preventive Maintenance Plan (PMP) for the test engines, has been deleted. This condition is being deleted because the test engines are not required to have any pollution control devices to comply with any applicable regulations and it has been determined that there is no benefit to require a PMP for these test engines.

Condition D.1.6, that required daily visible emission monitoring for the test engines, has also been deleted. These test engines do not have any applicable particulate matter limits that require pollution control devices. Therefore, it is not necessary to require daily monitoring of visible emissions from these test engines.

Condition C.15, that require the implementation of a Compliance Monitoring Plan, has been deleted because there are no longer any applicable compliance monitoring conditions in Section D.

These conditions are deleted as follows:

C.15 ~~Compliance Monitoring Plan -- Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]~~  
~~[326 IAC 1-6]~~

~~(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:~~

~~(1) This condition;~~

~~(2) The Compliance Determination Requirements in Section D of this permit;~~

~~(3) The Compliance Monitoring Requirements in Section D of this permit;~~

~~(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and~~

- (5) ~~A Compliance Response Plan (GRP) for each compliance monitoring condition of this permit. GRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The GRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:~~
- (A) ~~Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and~~
- (B) ~~A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.~~
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
- (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
- (3) An automatic measurement was taken when the process was not operating; or
- (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

~~D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for all test cells.~~

~~D.1.6 Visible Emissions Notations~~

- (a) ~~Daily visible emission notations of the engine test cell stack exhausts shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.~~

- ~~(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.~~
- ~~(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.~~
- ~~(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.~~
- ~~(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.~~

All other conditions of the permit shall remain unchanged and in effect. The conditions that have been deleted are indicated as being "deleted" in the Table of Contents. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Frank P. Castelli, c/o OAM, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 516-691-3395 or in Indiana at 1-800-451-6027 (ext 516-691-3395).

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachments  
FPC/MES

cc: File - Bartholomew County  
U.S. EPA, Region V  
Bartholomew County Health Department  
Air Compliance Section Inspector - D. J. Knotts  
Compliance Data Section - Karen Nowak  
Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michele Boner  
Office of Legal Council - Betsy Zlatos

**PART 70 OPERATING PERMIT  
and ENHANCED NEW SOURCE REVIEW  
OFFICE OF AIR MANAGEMENT**

**Arvin Exhaust, OEM, Technical Center  
Road 450 South  
Walesboro, Indiana 47201**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 005-7482-00080	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: January 26, 1999
First Administrative Amendment: AT 005-11038-00080	
Pages Affected: 3, 24, 25 and 30.	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

- C.7 Operation of Equipment [326 IAC 2-7-6(6)]
- C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

**Testing Requirements [326 IAC 2-7-6(1)]**

- C.9 Performance Testing [326 IAC 3-6]

**Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]**

- C.10 Compliance Schedule [326 IAC 2-7-6(3)]
- C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]
- C.12 Monitoring Methods [326 IAC 3]

**Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]**

- C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
- C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]
- C.15 Deleted
- C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

- C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]  
[326 IAC 2-6]
- C.18 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]
- C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]
- C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

**Stratospheric Ozone Protection**

- C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

**D.1 FACILITY OPERATION CONDITIONS - Eleven engine test cells, C-1 through C-11**

**Emission Limitations and Standards [326 IAC 2-7-5(1)] [326 IAC 2-2]**

- D.1.1 Carbon Monoxide (CO)
- D.1.2 Nitrogen Oxides (NO<sub>x</sub>)
- D.1.3 Prevention of Significant Deterioration [326 IAC 2-2]
- D.1.4 Deleted

**Compliance Determination Requirements**

- D.1.5 Testing Requirements [326 IAC 2-7-6(1), (6)]

**Compliance Monitoring Requirements**

- D.1.6 Deleted

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

- D.1.7 Record Keeping Requirements
- D.1.8 Reporting Requirements

(RMP); and

- (3) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]**

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

**D.1.3 Prevention of Significant Deterioration [326 IAC 2-2]**

---

- (a) Any change or modification which may increase potential emissions of CO to 250 tons per year from the engine test cells C-1 through C-6 shall obtain a PSD permit pursuant to 326 IAC 2-2 before such change may occur.
- (b) Any change or modification which may increase potential emissions of CO to 250 tons per year from the engine test cells C-7 through C-9 shall obtain a PSD permit pursuant to 326 IAC 2-2 before such change may occur.
- (c) Any change or modification which may increase potential emissions of NO<sub>x</sub> to 40 tons per year from the engine test cells C-10 and C-11 shall obtain a PSD permit pursuant to 326 IAC 2-2 before such change may occur.

**Compliance Determination Requirements**

**D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)]**

---

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the CO and NO<sub>x</sub> limits specified in Conditions D.1.1 and D.1.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.